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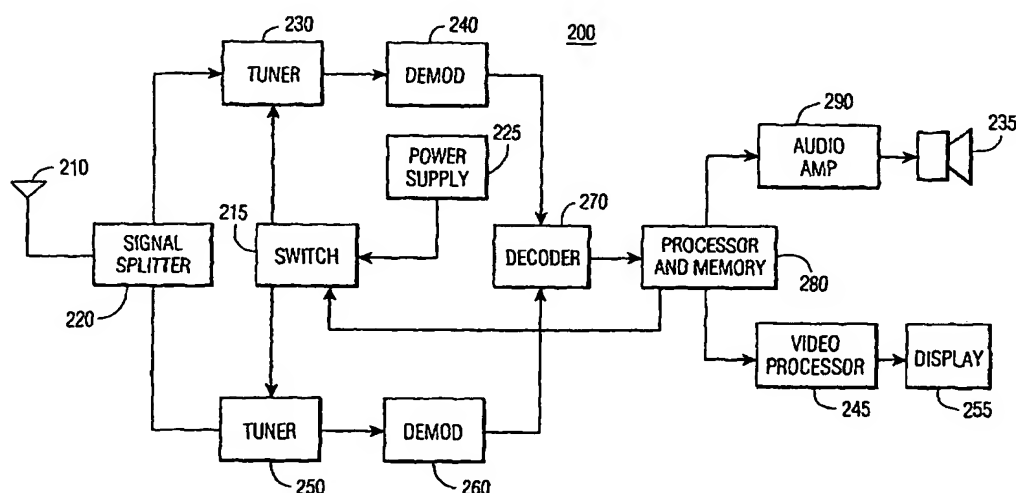
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- (71) Applicant (for all designated States except US): THOMSON LICENSING S.A. [FR/FR]; 46, Quai A. Le Gallo, F-92648 Boulogne (FR).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): ENGLERT, John, Walter [US/US]; 4600 Allen Drive, Carmel, IN 46033 (US).
- (74) Agents: TRIPOLI, Joseph, S. et al.; c/o Thomson Licensing Inc., Two Independence Way, Suite #200, Princeton, NJ 08540 (US).
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(54) Title: TUNER POWER DISSIPATION REDUCTION IN A STANDBY MODE



(57) Abstract: An apparatus such as a television signal processing apparatus 200 provides a means to control power dissipation by high speed signal processing circuitry associated with tuners 230, 250 while continuing to receive auxiliary data such as administrative data, guide data, or emergency alert notifications. According to an exemplary embodiment, the television signal processing apparatus 200 comprises a first tuner 230 for tuning a first signal when the television signal processing apparatus is in a first modem of operation and where power is removed from the first tuner 230 during a second mode of operation, a second tuner 250 for tuning a second signal when the television signal processing apparatus 200 is in a first mode of operation and a second mode of operation, wherein power is applied to the second tuner 250 for a portion of the time the television signal processing apparatus 200 is in the second mode of operation and the portion of the time the television signal processing apparatus 200 is in the second mode of operation is less than 100 percent of the time the television signal processing apparatus 200 is in the second mode of operation.

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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/38895

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : H04N 5/44, 5/50, 5/63

US CL : 348/731, 732, 730, 725, 729, 733; 334/47, 52, 11; 455/183.2, 179.1, 191.1, 343.1; 725/38, 40

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 348/731, 732, 730, 725, 729, 733; 334/47, 52, 11; 455/183.2, 179.1, 191.1, 343.1; 725/38, 40

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
EAST

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6,337,719 B1 (CUCCIA) 08 January 2002, Fig. 1, column 2 lines 5-63.	1-22
X	US 6,452,644 B1 (SHIMAKAWA et al) 17 September 2002, Fig. 5, column 6 lines 1-65.	1-22

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

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P.O. Box 1450

Alexandria, Virginia 22313-1450

Facsimile No. (703)305-3230

Authorized officer

Jean W. Desir

Telephone No. (703) 308 9571